

## Solving exponential equations that do not require the use of logarithms Notes

Solve each equation by first rewriting each side using a common base.

1)  $25^{2m-2} = 625$

2)  $343^{3-2x} = 49$

3)  $36^{-m} = 216^{2m}$

4)  $32^{-2b} = 16$